CODECS

Driving Agricultural Innovation: Discover CODECS Living Labs

Discover how the Horizon CODECS project is revolutionising agriculture through *sustainable digitalisation*. At the heart of the project are 20 **Living Labs** across 17 European countries, where farmers, advisors, and innovators are testing and advancing digital solutions tailored to diverse agricultural activities from dairy sheep and vineyards to vegetable production and mixed farming systems. By analysing farms at a *system level*, the Living Labs explore the economic, social, and environmental impacts of digital technologies across the data chain.

Discover our Living Labs!

Women, Agriculture, and Digital Innovation: Tackling Inequality in EU Rural Areas

On October 22, the European Association for Innovation in Local Development (AEIDL) hosted a CODECS webinar on Reducing women's inequalities in EU Agricultural Areas, exactly one week after the International Day of Rural Women. The event brought together a diverse range of experts and stakeholders to discuss the critical role of gender in agriculture and rural areas, with a particular focus on how digitalisation can contribute to reducing inequalities.

Read more!

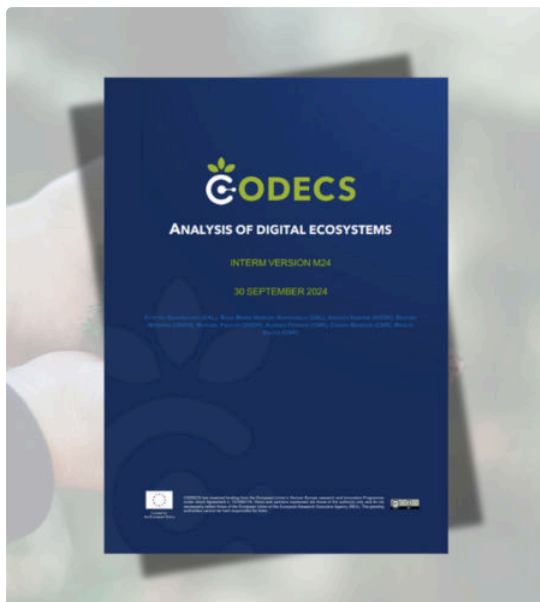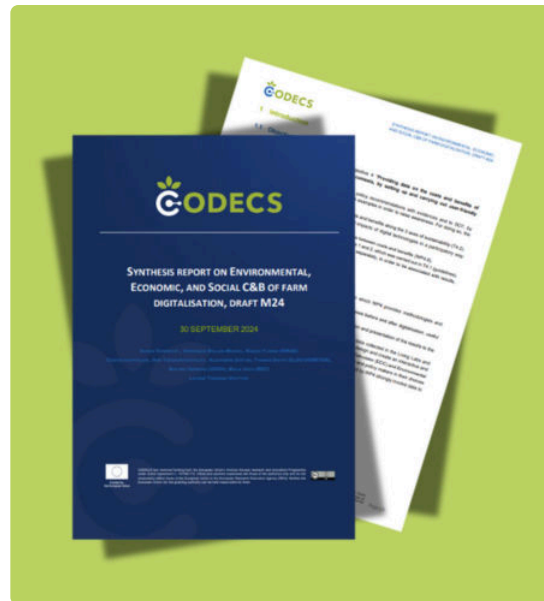## POLICY BRIEF: CODECS Framework for Sustainable Digitalisation in Agriculture

The CODECS project released a policy brief that introduces a conceptual framework for promoting sustainable digitalisation in agriculture. The framework emphasises that digitalisation is not just about adopting new technologies, but about ensuring that these technologies are integrated into socio-economic life in a way that promotes well-being, reduces inequalities, and improves the health of ecosystems.

Check it out

CODECS Assessing the Costs and Benefits of Digital Technologies in Agriculture

Over the last decade, digital technologies have been reshaping the agricultural landscape, presenting both challenges and opportunities. CODECS aims to analyse stakeholder perceptions of costs and benefits (C&B), develop methodologies to assess economic, environmental, and social impacts, and facilitate informed decision-making through a multicriteria approach.

Find out!

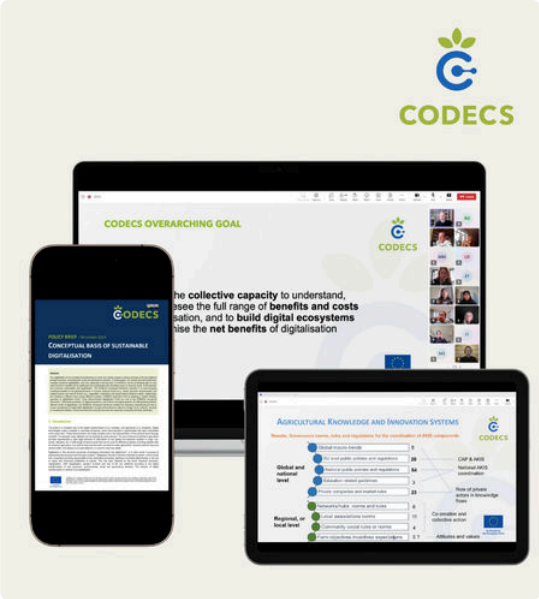## Farming 4.0: CODECS Analyses Digital Ecosystems in Farming

A new report on the Analysis of Digital Ecosystems sheds light on the factors that enable and hinder the development of robust digital ecosystems in agriculture. The report, led by the University of Almeria as part of the CODECS project, examines data from the 19 Living Labs to identify key resources, capabilities, collaborations, and innovations driving successful digitalisation. These findings will be further explored during **CODECS Knowledge Accelerator webinar on February 6th, 2025**. **Registrations are open here.**

Find out!

CODECS Partners Review Progress and Plan Next Steps at General Assembly

The CODECS General Assembly 2024 brought together project partners for two days of reflection, collaboration, and planning as they work to drive sustainable digitalisation in agriculture. The event, held on 12 and 13 December, provided a space to review progress, share ideas and decide on the next steps of the project.

Find out!

Fostering Sustainable Digitalisation: CODECS and QuantiFarm Join Forces

CODECS is pleased to announce its collaboration with QuantiFarm, joining forces to enhance sustainable digitalisation in agriculture. While QuantiFarm excels in implementing and evaluating Digital Agricultural Technologies and Services (DATS) in real-world contexts, CODECS focuses on developing concepts, tools, and evidence to understand the broader impacts of digitalisation and design ecosystems that maximise net benefits.
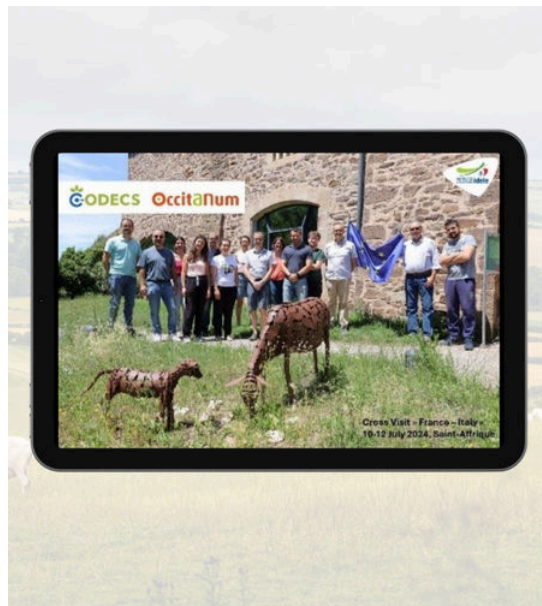
Check it out

CODECS LIVING LABS & DEMO FARMS

CODECS Demonstrations: A Platform for Digital Innovation in Agriculture

With a consortium of 24 partners across 19 countries, the CODECS project leverages a network of 20 Living Labs (LLs) to co-create and test innovative digital solutions. These LLs bring together farmers, advisors, researchers, and other stakeholders to foster the adoption of digital technologies that benefit the entire agricultural ecosystem.

Read more!

Almería Brings Science to the Streets at the European Researchers' Night 2024

On Friday 27 September, the streets of Almeria were filled with the European Researchers' Night, hosting more than 100 science-related activities and over 580 researchers. The event, part of a Europe-wide initiative, was held in 400 cities in 30 countries, attracting a large public eager to interact with scientific innovations.

Check it out

Understanding the Costs and Benefits of Digitalisation in Viticulture: Insights from the Occitanum Living Lab in France

As part of the CODECS project, a workshop was held on November 10, 2023 at the Occitanum Open Lab Living Lab, situated in the Tarn region in southern France. The event aimed to bring together stakeholders of the Living Lab (LL) and explore participants' perceptions of the costs and benefits of digitalisation in agriculture through a focus group.

Check it out

From Farm to Table: APPETIT Platform Highlights Digital Innovation in Local Food Markets

As part of the CODECS project, the APPETIT Living Lab hosted a demonstration event, introducing the innovative APPETIT platforms to farmers pariticipating in the Spizarnia Local Food Market in Częstochowa, Poland. The Spizarnia is a traditional Saturday market, where there is growing interest in expanding its presence through a digital marketplace to improve local food distribution.

Check it out

Digitalisation in Agriculture: the Key to a Sustainable Future

On 21 November 2024, as part of the European project CODECS, our partners from the Laboratory for Telecommunications (LTFE) organised an event at the scenic Leber-Vračko Farm in Zgornja Kungota, Slovenia. The event showcased practical work conducted in partnership with CODECS demo farms **Doppler Winnery** and **Beekeeping Cesar**. Through innovative digital solutions, these partners are enhancing production efficiency while reducing negative environmental impacts.

Check it out

UPDATES FROM THE NETWORK

BEATLES & Enfasys: Joint webinar and workshop on "Co-creating Pathways to Sustainable Agriculture: How to Engage All Stakeholders in the Value Chain"

On November 21, 2024, the BEATLES project held its second webinar and workshop, co-organized with the sister project Enfasys, under the theme "Co-creating Pathways to Sustainable Agriculture: How to Engage All Stakeholders in the Value Chain." The event, hosted by Q-PLAN International and Sustainable Innovations (SIE) from BEATLES, alongside

Check it out!

FUTURAL at Synergy Days: Empowering Rural Areas through Innovation

FUTURAL was excited to participate in the Synergy Days 2024, held in Barcelona on October 14th and 15th, where innovative projects and initiatives in the agri-food sector gathered to make connections and share innovation. During these two days, the FUTURAL team actively engaged with event attendees to share its vision and concrete actions to empower rural communities across Europe.

Find out!

Empowering Farmers with Data-Driven Insights: Farm Manager Testing in the Alpine Region of Slovenia

The QuantiFarm project team recently visited an innovative farm in Slovenia's Alpine region,

Discover TOOLS4CAP Academy

The Tools4CAP project continues its mission of equipping managing authorities and governance bodies with suitable tools to enhance their skills in designing and performing monitoring tasks related to the CAP Strategic Plans. Recently, the Tools4CAP

currently participating in one of the project's test cases. This visit marked the completion of the second year of testing for the Digital Agriculture Technology Solution (DATS) Farm Manager, providing valuable insights into the transformative potential of digital solutions in the agricultural sector.

Academy, coordinated by AEIDL, organised two modules focused on data management and impact assessment models.

Check the materials!

Read more!

EUROPEAN NEWS

Highlights from the EU Agri-Digital Conference 2024

The final day of the 2024 EU Agri-Digital Conference was the third and last of the annual EU Agrifood Days organised in Brussels on 12 December by the European Commission Directorate General for Agriculture (DG AGRI). Bringing together experts, policymakers, and practitioners to explore the latest advancements and challenges in agricultural digitalisation.

The final report of the Strategic Dialogue on the Future of EU Agriculture is available

President of the European Commission Ursula von der Leyen was presented with the final report of the Strategic Dialogue on the Future of EU Agriculture. The report, titled "A shared prospect for farming and food in Europe", was handed over by the chair of the group, Professor Peter Strohschneider.

Find out!

Read more!

The European Commission highlights key contributions of CAP to rural development

The European Commission has recently published a study on funding for EU rural areas. This study focuses on the contributions of the 2014-2022 Common Agricultural Policy (CAP) period in addressing the needs and actions outlined under the EU's rural vision. Additionally, it provides a preliminary analysis of the programmed interventions under the 2023-2027 CAP.

Read more!

UPCOMING EVENTS

CODECS Knowledge Accelerator: Digital Ecosystems for sustainable digitalisation of farming
6 February 2025
Online

BEATLES Second EU Multi-Actor Working Group Workshop
13 January 2025
Online

Good Practice Webinar on rural housing
20 February 2025
Online

Rural Pact Conference 'From vision to action: Empowering rural areas for the future'
8 April 2025
Château du Biez - Nearest city: Kortrijk/Courtrai (Belgium), Belgium

Follow us online!

**Funded by
the European Union**